

# AutoPatch Matrix Switchers

## Precis LT

## Fixed

composite / s-video / rgbhv  
matrix switcher



**The most compact of the Precis line, the Precis LT is designed to provide AutoPatch's superior matrix switching performance in a compact, space efficient unit.**

#### SUPERIOR PERFORMANCE

Big switching power in compact 1RU enclosures; the Precis LT matrix switcher line delivers the same ultra-flat bandpass specifications as our larger lines ensuring that the video and audio quality is maintained from every source to every device.

#### ROBUST FEATURES

There are several models available all with professional features and multiple control options to fit any small routing requirement including boardrooms, entertainment, retail, government and more.

- Ultra-Flat Response
- Device Discovery Enabled
- RS-232 control port; simple BCS serial control protocol
- Choice of front panel control with security lockout or blank front panel
- Route audio follow video, or breakaway and route separately

#### AVAILABLE MODELS

##### COMPOSITE + STEREO

AVS-PL-0404-115 (4x4)  
AVS-PL-0408-115 (4x8)  
AVS-PL-0804-115 (8x4)  
AVS-PL-0808-115 (8x8)

##### S-VIDEO + STEREO

AVS-PL-0404-615 (4x4)  
AVS-PL-0408-615 (4x8)  
AVS-PL-0804-615 (8x4)  
AVS-PL-0808-615 (8x8)

##### RGBHV + STEREO

AVS-PL-0404-844 (4x4)  
AVS-PL-0408-844 (4x8)  
AVS-PL-0804-844 (8x4)  
AVS-PL-0808-844 (8x8)

**GENERAL**

General Specs apply to Composite, S-video, and RGBHV models

AC Power:	100-240 VAC single phase, 50-60 Hz
Power Consumption (max):	35 Watts per enclosure Composite/S-video
Operational Temperature:	32° to 110° F (0° to 43° C)
Humidity:	0 to 90% non-condensing
Enclosure Dimensions:	10.4" (26.4 cm) depth 17.4" (44.2 cm) width without rack ears 19.0" (48.26 cm) width with rack ears
Height:	1.7" (4.32 cm) 1 RU
Weight:	Appx. 7 lbs (3.18 kg) per enclosure
Approvals:	UL, cUL, CE

**COMPOSITE AND S-VIDEO MODELS****STANDARD AUDIO**

Input Level (max):	+14 dBu, balanced
Input Impedance:	18 kΩ
Output Level (max):	+14 dBu, balanced
Output Impedance:	50 Ω
Frequency Response:	<+/-0.1 dB (20 Hz to 20 kHz)
THD + Noise:	<0.025% (20 Hz to 20 kHz, Vin = -10 to +14 dBu)
Signal to Noise Ratio:	>105 dB (20 Hz to 20 kHz, Vin = +14 dBu)
Crosstalk:	<-105 dB (1 kHz, Vin = +2 dBu)
Connectors:	5T

**STANDARD VIDEO**

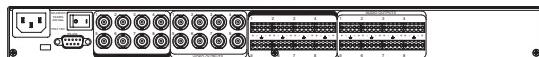
Input Level (max):	+/-1.9 V
Input Impedance:	75 Ω
Output Level (max):	+/-1.9 V
Output Impedance:	75Ω
Frequency Response:	50 MHz or better (+/-3 dB) 15 MHz or better (+/-1 dB)
Crosstalk:	<-65 dB (f = 5 MHz)
Differential Gain:	<0.2% or better (f = 3.58 MHz)
Differential Phase:	<0.2° or better (f = 3.58 MHz)
Signal to Noise Ratio:	> 65 dB (Vin = 0.7 V, 100% IRE)
Connectors:	BNC or S-video

**RGBHV MODELS****STANDARD AUDIO**

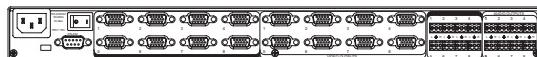
Input Level (max):	+14 dBu, unbalanced
Input Impedance:	18 kΩ
Output Level (max):	+14 dBu, unbalanced
Output Impedance:	50 Ω
Frequency Response:	<+/-0.1 dB (20 Hz to 20 kHz)
THD + Noise:	<0.025% (20 Hz to 20 kHz, Vin = -10 to +14 dBu)
Signal to Noise Ratio:	>105 dB (20 Hz to 20 kHz, Vin = +14 dBu)
Crosstalk:	<-105 dB (1 kHz, Vin = +2 dBu)
Connectors:	3T

**WIDEBAND VIDEO**

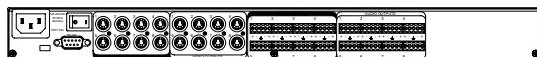
Input Level (max):	+/-1.5 V
Input Impedance:	75 Ω
Output Level (max):	+/-1.5 V
Output Impedance:	75 Ω
Frequency Response:	300 MHz or better (+/-3 dB) 100 MHz or better (+/-1.5 dB)
Crosstalk:	<-65 dB (f = 5 MHz) <-40 dB (f = 150 MHz)
Signal to Noise Ratio:	>65 dB (Vin = 0.7 V, 100% IRE)
HV Sync Input Level (max):	+/-5 V
HV Sync Output Level (max):	+/-5 V (follows input)
HV Input Impedance:	22 kΩ
Connectors:	HD-15

**COMPOSITE VIDEO + STEREO**

Available: 4x4, 4x8, 8x4, 8x8  
AVS-PL-0808-115  
(FGP37-0808-115)

**RGBHV + STEREO**

Available: 4x4, 4x8, 8x4, 8x8  
AVS-PL-0808-844  
(FGP37-0808-844)

**S-VIDEO + STEREO**

Available: 4x4, 4x8, 8x4, 8x8  
AVS-PL-0808-615  
(FGP37-0808-615)

